

FLORIDA HIGHWAYS

Official Bulletin of the State Road Department

Vol. VIII

No. 5

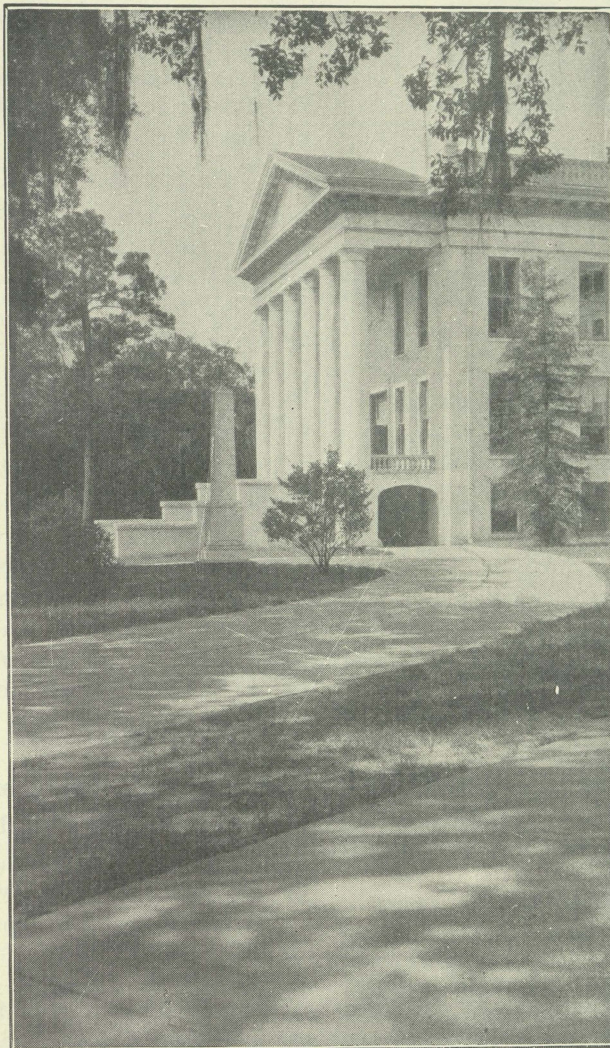


Project 604, Road 4, Volusia County. Rock Base Slag Surface Treated

May, 1931

FLORIDA

Vol. VIII
No. 5



HIGHWAYS

MAY
1931

Transactions at Meeting of State Road Department Held at Tallahassee, May 13, 1931

PURSUANT to due and legal notice, the State Road Department of Florida met at Tallahassee on May 13, 1931, with all members present, as follows: Robert W. Bentley, Chairman; William A. Shands, Harry H. Wells, Ernest R. Graham and George B. Hills. H. J. Morrison, Federal Highway Engineer, B. M. Duncan, State Highway Engineer, Karl Roesch, Secretary, and B. A. Meginniss, Attorney for the Department, were also present.

Road 2—Orange County—Orlando to Kissimmee

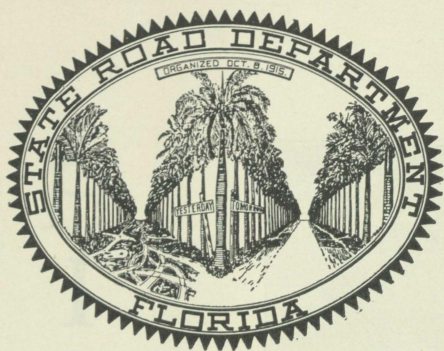
Mr. C. Fred Ward, Rev. W. E. Murphy and Mr. Boyd appeared before the Department, and Reverend Mr. Murphy submitted a petition requesting that

Road 2 between Orlando and Kissimmee be kept on its present location, going by way of Taft and Pine Castle.

Road 14—Alachua County—Newberry to Gainesville District Line

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That the item of \$30,000 allocated to the construction of State Road No. 14 between Newberry and the Gainesville District line be transferred from such construction budget to the maintenance budget, and that the State do take over for maintenance that section of Road 14 between Newberry and the Gainesville District Line.



Florida Highways

Published Monthly
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PERSONNEL OF DEPARTMENT

ROBERT W. BENTLEY (*Bradenton*), *Chairman*
(*Official Residence, Tallahassee.*)

W. A. SHANDS, <i>Gainesville</i>	} <i>Members</i>
H. H. WELLS, <i>Chipley</i>	
GEORGE B. HILLS, <i>Jacksonville</i>	
ERNEST R. GRAHAM, <i>Pennsuco</i>	
KARL ROESCH, <i>Tallahassee</i> , <i>Secretary</i>	

PERSONNEL OF EMPLOYEES IN GENERAL CHARGE OF THE WORK OF THE DEPARTMENT

Engineering Division

B. M. Duncan, Tallahassee.....	State Highway Engineer
L. K. Cannon, Tallahassee.....	Ass't. State Highway Engineer
W. I. Nolen, Tallahassee.....	Bridge Engineer
H. C. Weathers, Gainesville.....	Testing Engineer
F. W. Berry, Jr., Tallahassee.....	Office Engineer
W. L. Thorpe, Gainesville.....	Supt. of Equipment
E. K. Fogg, Pensacola.....	1st Division
Counties—Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, Washington.	
M. P. Philips, Lake City.....	2nd Division
Counties—Baker, Bradford, Clay, Columbia, Dixie, Duval, Hamilton, Lafayette, Madison, Nassau, St. Johns, Suwannee, Taylor, Union.	
R. L. Bow, West Palm Beach.....	3rd Division
Counties—Brevard, Broward, Collier, Dade, Glades, Hendry, Indian River, Lee, Martin, Monroe, Okeechobee, Palm Beach, St. Lucie.	
L. B. Thrasher, Ocala.....	4th Division
Counties—Alachua, Citrus, Flagler, Gilchrist, Hernando, Lake, Levy, Marion, Orange, Putnam, Seminole, Sumter, Volusia.	
R. K. Van Camp, Lakeland.....	5th Division
Counties—Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Osceola, Pasco, Pinellas, Polk, Sarasota.	

Auditing Division

S. L. Walters, Tallahassee.....Auditor

B. A. Meginniss, Attorney for the Department,
Editor and Business Manager.

Application has been made for transmission through the mails as second class matter.

Volume VIII May, 1931 Number 5

Convict Camps

On motion of Mr. Wells, seconded by Mr. Shands, the following resolution was adopted:

BE IT RESOLVED, That the State Prison Department be advised that this Department contemplates the establishment of four additional convict camps, and that said Prison Department be requested to advise the Department if it can furnish the men necessary for the establishment of such camps.

Project 952—Road 3—Putnam County

Dr. F. S. Whitney of St. Augustine appeared before the Department with reference to his bid submitted May 11 for the construction of Project 952, Road 3, Putnam County. Dr. Whitney stated that he overlooked placing a bid on the alternate surface material other than slag, but that he would be willing to use such surface material as the Department may select for the work at his unit bid price for slag.

Claims Against the Department

On motion of Mr. Shands, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That all claims against this Department be submitted by the claimants in writing; that a copy of such claims be furnished to each member of the Department, and that an opportunity to study such claims between now and the next meeting, or a later date, be given to such members of the Department.

Award of Contract

Project 78-B—Road 4—Broward County

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, This Department on May 11, 1931, received bids for the construction of a bridge known as Project 78-B, Road 4, Broward County; and,

WHEREAS, Dudley-Murphy Construction Company was and is hereby declared to be the lowest responsible bidder therefor;

NOW, THEREFORE, BE IT RESOLVED, That contract be and the same is hereby awarded to said Dudley-Murphy Construction Company for the construction of such bridge at and for its bid price of \$24,105.45;

BE IT FURTHER RESOLVED, That this award is conditioned upon and subject to receipt by this Department of the approval of said award by the United States Bureau of Public Roads.

Award of Contracts

On motion of Mr. Hills, seconded by Mr. Shands, the following resolution was adopted:

WHEREAS, This Department on May 11, 1931, received bids for the construction of a certain project, and for the furnishing of certain materials and supplies, as hereinafter listed; and,

WHEREAS, The firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor;

NOW, THEREFORE, BE IT RESOLVED, That contracts be and they are hereby awarded for the construction of such project and for the furnishing of such materials and supplies, as follows:

Construction				Bidder	Price
Proj.	Road	County	Type		
952	3	Putnam	Clearing, grubbing, grading and limerock base surface treated using crushed stone	Jno. E. Ballinger Const. Co.	\$13,228.14

Materials

Oil Asphalt for Retreatment			Crushed Stone		
Delivery at—	Bidder	Price	Delivery at—	Bidder	Price
Melbourne	Atlantic Refining Company	\$ 1,715.98	Indian River City	Florida Crushed Stone Co.	\$ 4,851.33
Florida City	Mexican Petroleum Corp.	1,542.82	Palm City	Florida Crushed Stone Co.	1,769.30
DeLand	Mexican Petroleum Corp.	386.40	Okeechobee	Florida Crushed Stone Co.	16,027.00
Kissimmee	Mexican Petroleum Corp.	510.05	Melbourne	Florida Crushed Stone Co.	9,614.48
Indian River City	Atlantic Refining Company	839.56			
Mims	Atlantic Refining Company	626.96			

Oil Asphalt

Proj.	Road	County	Bidder	Price
788	10	Walton	Mexican Petroleum Corp.	\$39,111.53
802-A	10	Okaloosa	Mexican Petroleum Corp.	15,073.79
832	10	Santa Rosa	Mexican Petroleum Corp.	22,142.27
857	53	Santa Rosa	Mexican Petroleum Corp.	39,352.98

Flint Rock

Delivery at—	Bidder	Price
Taft	M. M. Thomas Rock Company	\$ 2,540.00
De Leon Springs	M. M. Thomas Rock Company	960.00
Benson Junction	M. M. Thomas Rock Company	936.00
Mims	Standard Rock Company	3,686.76

Road 30

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That this Department do continue to buy oil necessary to keep going the crew now engaged in surfacing State Road No. 30.

Project 70—Charlotte County—Peace River Bridge

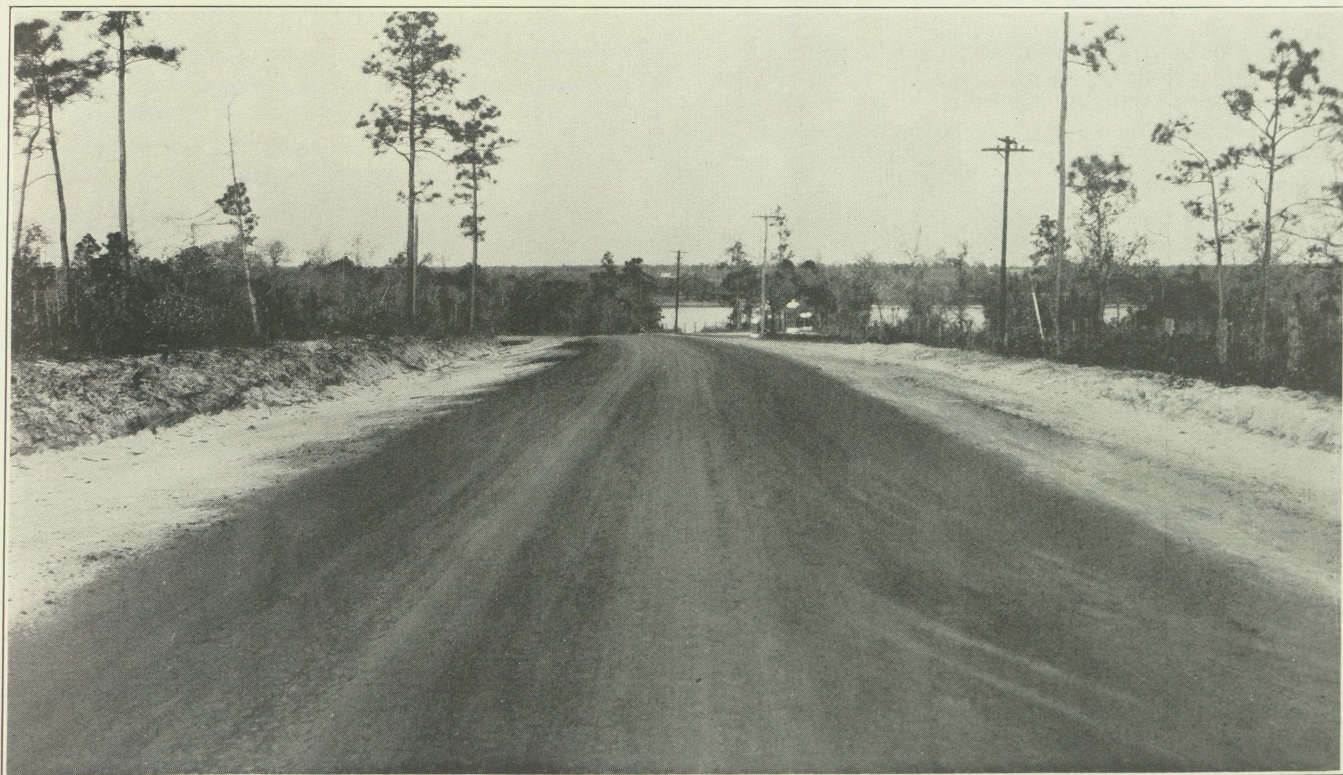
Judge O. K. Reaves, attorney, and Messrs. J. W. Taussig and R. E. Colvin, representatives of Raymond Concrete Pile Company, presented to the Department claim of said company for some \$96,000 alleged to be due to said company by the Department on account of delays and additional work in the construction of Peace River Bridge, Project 70, Charlotte County. Under the resolution adopted earlier at this session, copies of the claim were furnished to the members of the Department for their study before giving consideration to said claim.

Road 158—Bay County

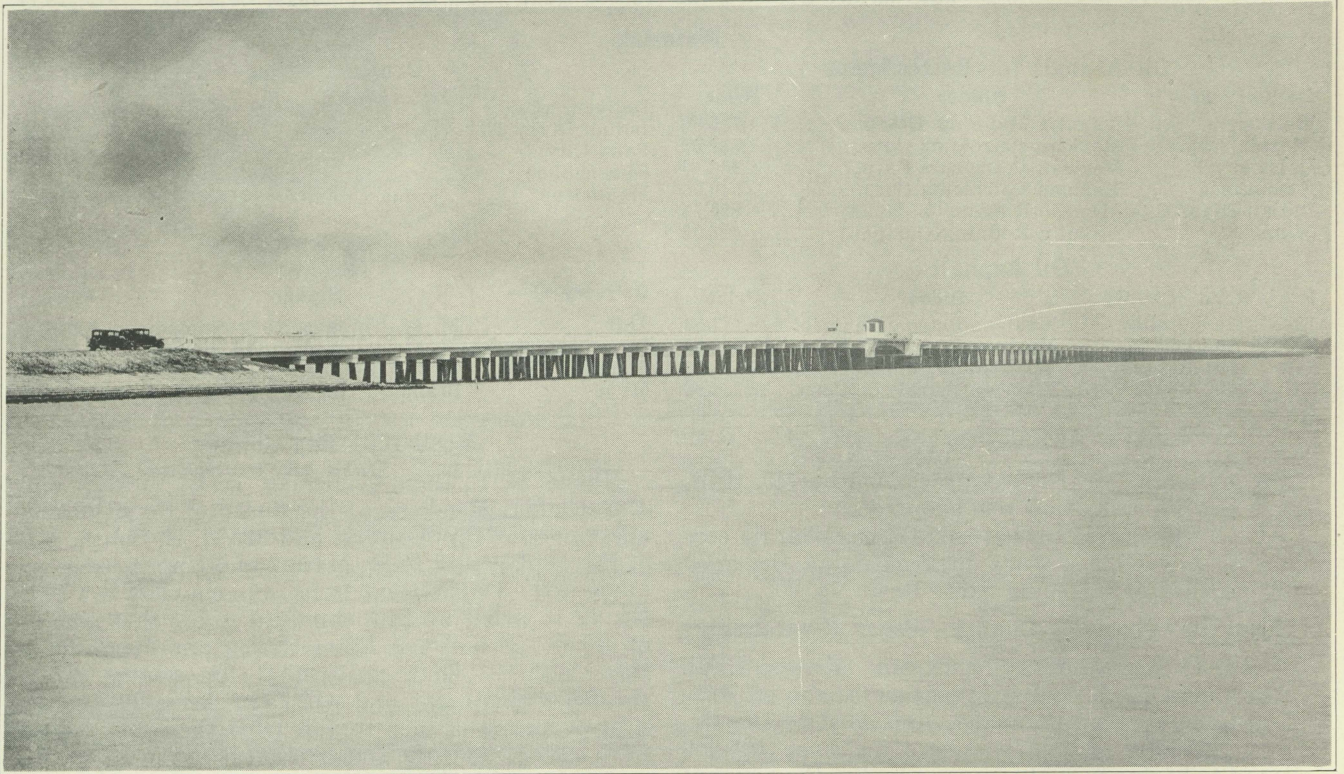
Messrs. C. P. Russ, Chairman, L. E. Vickery and J. C. Gainer, members, of the Board of County Commissioners of Bay County, and Mr. J. E. Smith, Mr. J. Ed. Stokes and C. R. Mathis of Panama City, requested the Department to use the convicts in Camp No. 12 to bring up to a standard grade that section of Road 158 between Lynn Haven and Road 20 in Bay County. They stated that the county would furnish a camp site, and will furnish trucks for the transportation of men to and from the work. They were advised that the Department is not in a position to comply with this request.

Road 20—Bay County

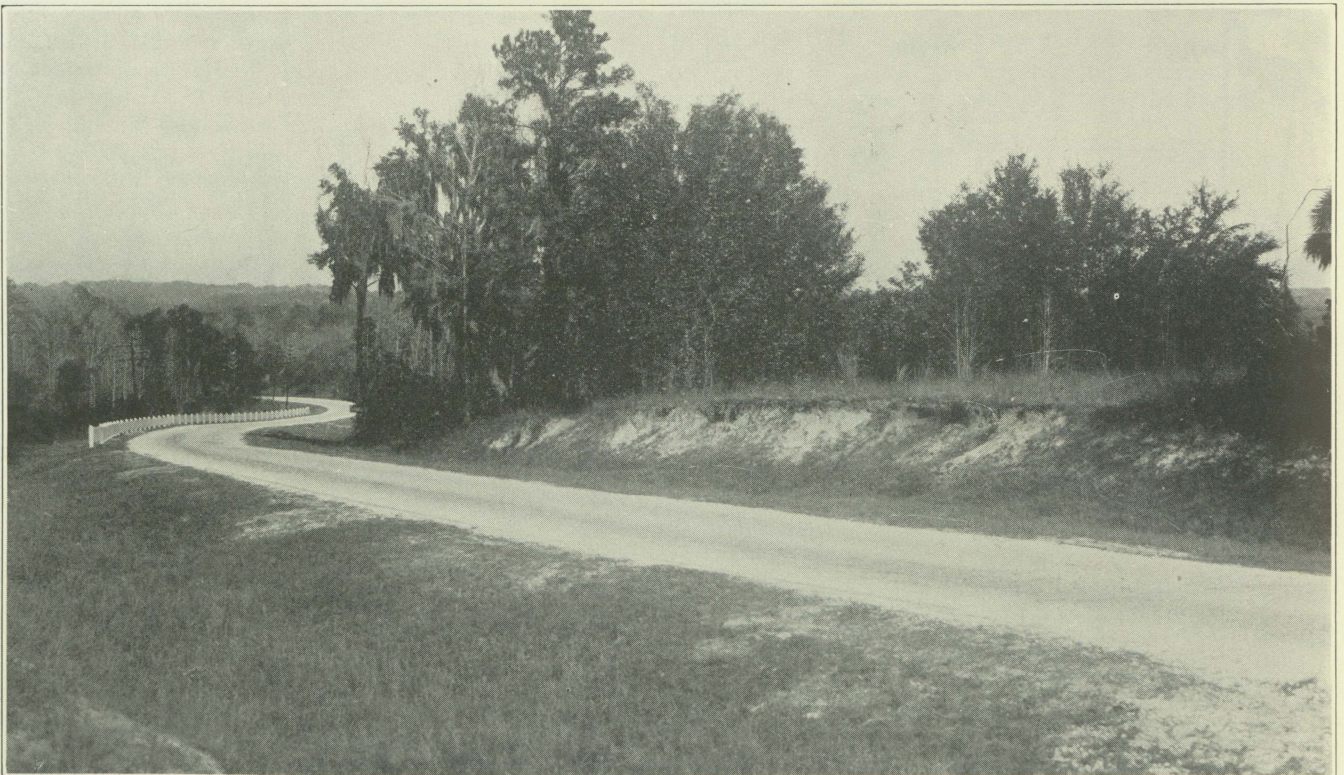
The same delegation presented to the Department a protest against the use of gravel in the surface treatment of Road 20 in Bay County, and asked that
(Continued on Page 7.)



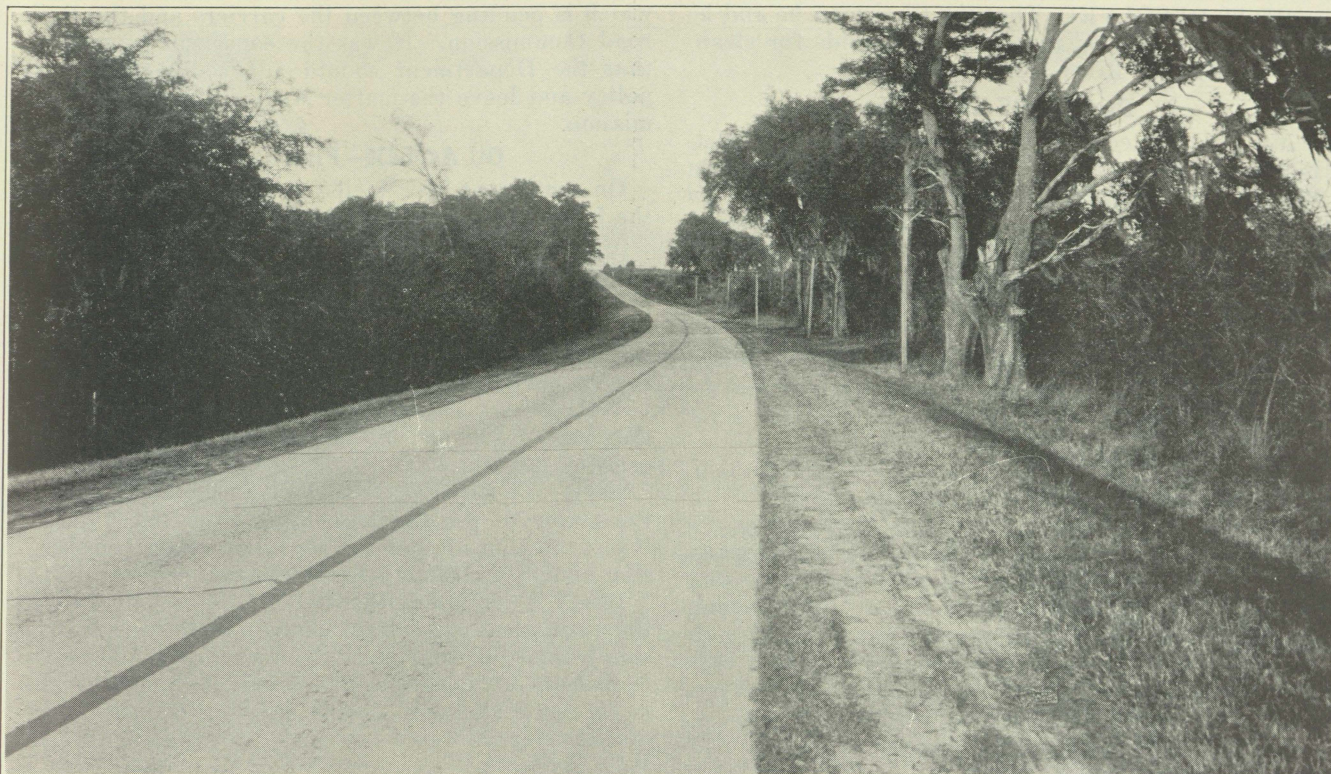
Project 802-A, Road 10, Okaloosa County. Sand Asphalt Base and Surface Course.



Project 769, Road 5, Edison Bridge over Caloosahatchee River at Fort Myers, Lee County.



Project 679, Road 5, Hernando County. Rock Base Crushed Stone Surface Treated.



F. A. Project 56, Road 10, Leon County. Plain Cement Concrete

(Continued from Page Five.)

slag be used instead. The policy of the Department with reference to the use of such materials was explained to these gentlemen.

On motion of Mr. Hills, seconded by Mr. Graham, the Department was adjourned until 2:30 o'clock p. m.

AFTERNOON SESSION, 2:30 O'CLOCK

The Department met pursuant to adjournment with members present as at the morning session, with the exception of Mr. Shands who left the city on other urgent business.

Award of Contract

Project 500-B—Road 20

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, This Department on May 11 advertised for bids for the furnishing of materials for surfacing Project 500-B, Road 20, Bay County; and

WHEREAS, The firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor;

NOW, THEREFORE, BE IT RESOLVED, That contracts be and the same are hereby awarded to such bidders, as follows:

Delivery at	Type	Bidder	Price
Youngstown,	Crushed gravel,	Roquemore Grav. Co.	\$6,150.00
Majette	Crushed gravel,	Roquemore Grav. Co.	6,150.00
	Oil asphalt,	Mexican Petrol Corp.	3,610.62

Roads 4 and 140—Broward County

Mr. J. E. Morris, Jr., county attorney, Senator A. H. Wagg, Representative Dwight L. Rogers and Mr. L. H. Gore presented to the Department the following requests with reference to Roads 4 and 140 in Broward County:

1. That the State take over for maintenance the bridge over New River in Fort Lauderdale, which is used as a link in State Road No. 4;

2. That the Department proceed to repair and open up the stretch of Road 140 south of the Hollywood Beach Hotel which was washed out by storm;

3. That the State take over for maintenance the roads between Road 140 and Road 4 at Dania and Ft. Lauderdale.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That an emergency be and the same is hereby declared to exist, and that this Department do proceed to repair and replace, when funds are available, the gap in State Road 140 south of Hollywood Beach Hotel, which was washed out by storm.

BE IT FURTHER RESOLVED, That action on the request for the taking over of the street and bridge at Fort Lauderdale be deferred.

On motion of Mr. Hills, seconded by Mr. Wells, the following resolution was adopted:

BE IT RESOLVED, That the Chairman and the local member of the Department, Mr. Graham, and the State Highway Engineer, investigate the matter of taking over the bridge over New River in Fort Lauderdale, and make a report at the next meeting.

Road 164—Everglades to Carnestown, and Cleaning Out of Turner River

Senator Arthur Gomez appeared before the Department and urged that it commence the work authorized at the Ocala meeting pertaining to the reconstruction of Road 164 between Everglades and Carnestown and the cleaning out of Turner River to relieve drainage.

On motion of Mr. Graham, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to advertise for bids for cleaning out Turner River, Collier County.

Project 717—Road 28

Mr. F. D. Wheeler of the law office of Giles J. Patterson of Jacksonville and representing Southern Surety Company of New York, appeared before the Department to request that final estimate due said surety on account of the completion of the defaulted contract of F. X. Bradley on Project 717 be paid to said surety without the filing of the unconditional affidavit as to the payment of all bills. Mr. Wheeler explained that a chancery suit has been prosecuted and completed in which all claimants who could be found were given an opportunity to establish their claims.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, That this Department do grant the request of the Southern Surety Company of New York, and that final estimate be paid to said company on Project 717, Road 28, on the following basis: Said Surety Company submitting an affidavit to the effect that all known and ascertainable bills have been paid, which affidavit shall be in a form acceptable to the Attorney for the Department.

State Road No. 15

Mr. A. F. Knotts of Yankeetown submitted to the Department a copy of a proposed bill rerouting State Road No. 15 in part. Mr. Knotts was advised that it is the policy of the Department not to favor or oppose road legislation, but that the officers of the Department will give to the Legislature any information which may be called for by a committee.

Hillsborough County

The County Commissioners of Hillsborough County, headed by Mr. W. T. Williams, Chairman, appeared before the Department and expressed their thanks that advertisement has been made for bids for the construction of State Road 17 between Plant City and the Polk County line.

The same delegation asked the advice of the Department with reference to the acquisition of the necessary right of way for the overhead crossing on Road 5 at Six-Mile Creek, and the overhead crossing on Road 5 near Bruing. After discussion of the matter, the Commissioners stated that they will furnish this right of way as soon as possible.

Project 706-B—Putnam County—Road 28

A resolution was presented to the Department from the Board of Bond Trustees of Putnam County, requesting that slag be used in the construction of Project 706-B, road 28. Action upon the request was deferred for the present.

Project 952—Road 3—Putnam County

Dr. F. S. Whitney again appeared before the members with reference to his bid submitted for the construction of Project 952, Road 3, Putnam County. He was advised that the award of contract was made by the Department for the use of crushed stone, and that he, Dr. Whitney, had not placed a bid for the use of such material.

Compromise Freight Schedule

Mr. F. E. Harrison, Traffic Manager, requested instructions from the Department as to its attitude with reference to the Compromise Freight Schedule

which is pending between the carriers and the Railroad Commission. It was the consensus of opinion that the Department should adhere to its former policy and leave the matter with the Railroad Commission.

Oil Asphalt—First Division

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

WHEREAS, This Department on April 20 received bids for the furnishing of oil asphalt in the First Division; and

WHEREAS, All bids on same were rejected because at the time the Department was rejecting bids for the cover material on the work involved; and

WHEREAS, The same oil asphalt is necessary regardless of the use by the Department of slag or crushed gravel;

NOW, THEREFORE, BE IT RESOLVED, That the action of the Department in rejecting bids for the furnishing of such oil asphalt in the First Division be and the same is hereby rescinded.

BE IT FURTHER RESOLVED, That contract for the furnishing of such oil asphalt in the First Division be and the same is hereby awarded the Mexican Petroleum Corporation, which said bidder was and is hereby declared to be the lowest responsible bidder therefor, as follows:

Delivery at—	Price
Milton	\$1,039.20
Harold	1,177.37
Bonifay	1,704.42
Marianna	1,232.64
Cottondale	1,004.34
Crestview	1,522.64
Holt	388.08
Sneads	385.20
Ponce de Leon	1,397.48
DeFuniak	1,270.08

Surface Treatment on Rock Base Projects

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to advertise for materials for the surfacing of lime rock base projects now under construction, and to contract for the treatment of same as it becomes necessary on such projects.

Road 2—Orlando to Kissimmee

Action on the request for the location of State Road No. 2 between Orlando and Kissimmee was deferred for the present.

Road 140—Palm Beach County

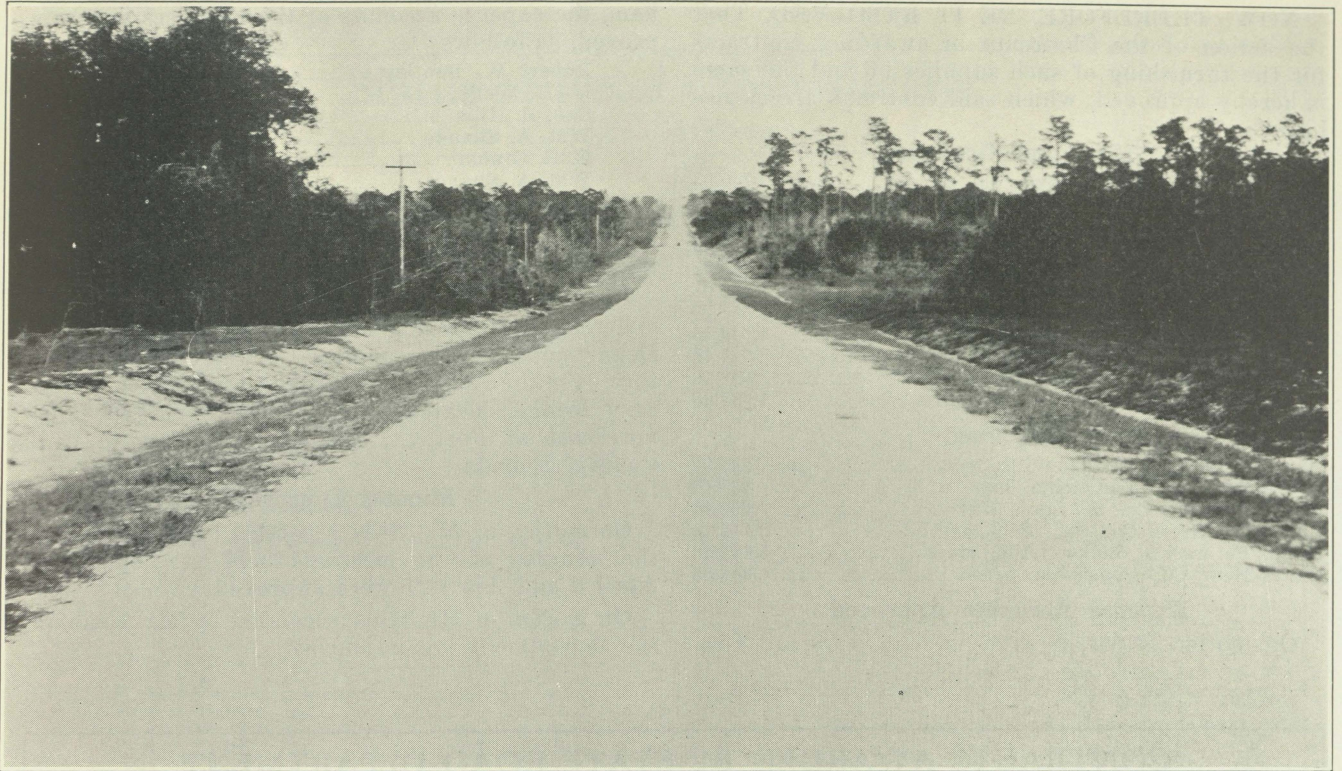
The Department decided to postpone consideration of the request submitted by Senator Wagg for the construction of an additional two and one-half (2½) miles of Road 140 in Palm Beach County.

Road 164—Carnestown to Everglades

Mr. R. A. Henderson, Jr., of Fort Myers, appeared before the Department to enquire with reference to its action for reconstruction of Road 164 between Carnestown and Everglades. He was informed that it would not be possible for the Department to do this work for some two or three months because of the lack of funds.

Revision of Specifications

The State Highway Engineer submitted to the members a proposed revision of the specifications for single-course lime rock base, and stated that a complete revision of the specifications will be submitted to the members a little later in order that they may



Project 706-A, Road 28, Putnam County. Rock Base Stone Surface Treated.

consider the same in advance of action on the revision.

Road 18—Manatee and DeSoto Counties

A resolution from the authorities of Manatee and DeSoto Counties was submitted, in which it was requested that the Department take over for maintenance State Road 18 from Arcadia west through DeSoto and Manatee Counties to State Road 5 at Bradenton. The members requested the Chairman to advise these counties that the Department cannot at this time comply with their request.

Road 48—Raiford Station to New River Bridge

The Chairman submitted to the members a letter from Honorable W. V. Knott, acting for the Board of Commissioners of State Institutions, in which the Board requested that the Department permit the Superintendent of the State Farm to procure the necessary material and do the hard surfacing on that part of Road 48 from the Raiford railroad station eastward through the State Farm property to the New River Bridge, and to a point about a quarter of a mile southeastward of the same. The Board proposed that such work should be done under the supervision of the State Road Department and in accordance with the specifications to be furnished by said Department, with the understanding that when the Road Department has funds available it will pay the Board of Commissioners of State Institutions for said work on the same basis that the Department may succeed in contracting the work later on on the other part of the road leading from the bridge to Starke, or at such other price as may be agreed upon between the Department and the Board of Commissioners of State Institutions.

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

BE IT RESOLVED, That this Department do accept the proposal this day submitted from the Board of Commissioners of State Institutions, and that the State Highway Engineer be directed to prepare plans and specifications for said work, and that the Attorney for the Department prepare a contract to be entered into between this Department and the Board of Commissioners of State Institutions covering said work.

Road 4—St. Johns County—San Sebastian River Bridge

The Chairman submitted to the members certified copy of a resolution adopted by the City Commission of the City of St. Augustine under the terms of which resolution No. 762 passed by said Commission was rescinded and resolution No. 730 giving assurance of the construction and paving of certain roads leading to the San Sebastian River bridge was reinstated.

Project 876-A—Rumsey Pump

On motion of Mr. Hills, seconded by Mr. Wells, the following resolution was adopted:

BE IT RESOLVED, That the Attorney for this Department be and he is hereby authorized to institute an action of replevin to recover from Rumsey Pump Company a pump purchased by the Department for use on Project 876-A.

Award of Contracts Approved

On motion of Mr. Hills, seconded by Mr. Graham, the following resolution was adopted:

WHEREAS, This Department on April 20, 1931, received bids for the furnishing of certain supplies as hereinafter listed; and

WHEREAS, The firms and individuals hereinafter named were and are hereby declared to be the lowest responsible bidders therefor;

NOW, THEREFORE, BE IT RESOLVED, That the action of the Chairman in awarding contracts for the furnishing of such supplies be and the same is hereby approved, which said contracts are as follows:

Meats and Groceries

Wilson & Company, Jacksonville, meats	\$ 740.03
Swift & Company, Jacksonville, meats	1,357.75
Armour & Company, Pensacola, meats	711.85
Cudahy & Company, Pensacola, meats	544.50
Kass Grocery Co., Jacksonville, groceries	386.57
Daffin Merc. Co., Marianna, groceries	428.05
Lewis Bear Co., Pensacola, groceries	1,452.70
Hagin Peters Co., Jacksonville, groceries	1,649.35
Maddox Grocery Co., River Junction, groceries	885.66
McNerny Gro. Co., Jacksonville, groceries	692.19
C. W. Zaring & Co., Jacksonville, groceries	1,087.08

Mule Feed

Hagin Peters Co., Jacksonville, hay	245.00
Lewis Bear Co., Pensacola, hay	830.40
R. P. Atwood & Co., St. Louis, hay	602.40
Toberman Grain Co., St. Louis, hay	2,117.20
Hagin Peters Co., Jacksonville, grain	5,642.40
Lewis Bear Co., Pensacola, grain	308.15

Expense Accounts Approved

On motion of Mr. Bentley, seconded by Mr. Gra-

ham, the expense accounts of the members were approved, as follows:

Robert W. Bentley	\$30.15
H. H. Wells	53.40
Geo. B. Hills	30.97
Wm. A. Shands	52.35
E. R. Graham	55.58
Wm. A. Shands	34.05

Government Inland Canal Bridge, Road No. 6.

On motion of Mr. Wells, seconded by Mr. Hills, the following resolution was adopted:

BE IT RESOLVED, That the Chairman be and he is hereby authorized to make application to the War Department for their approval of the existing structure over the Government Inland Canal as a temporary bridge, located approximately six (6) miles northeast of Port St. Joe, on Road No. 6, Gulf County, Florida.

Minutes Approved

On motion of Mr. Hills, seconded by Mr. Graham, the minutes of the meetings held at Tallahassee April 8 and April 21 were approved.

On motion of Mr. Hills, seconded by Mr. Graham, the Department was adjourned.

CONTRACTS AWARDED BY STATE ROAD DEPARTMENT

January 1st, 1931, to May 25th, 1931.
FEDERAL PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
73-C	17	Polk	John J. Quinn, Inc.		5.22	\$ 165,480.74	Concrete
67	50	Suwannee-Hamilton	Austin Bros. Bridge Co.	461.5		51,993.04	Concrete
60-B	4	Flagler-Volusia	Fred D. Beasley, Inc.	570		107,566.27	Concrete
72-A	28	Putnam-Flagler	Murphy Const. Co.		11.16	92,685.56	Grade
72-C	28	Flagler	Murphy Const. Co.		11.79	121,426.15	Grade
76-A	5	Hillsborough	Johnson, Drake & Piper		10.31	374,163.81	Concrete
78-A	4	Broward	Morgan-Hill Paving Co.		6.28	287,639.15	Concrete
60-C	4	Volusia	Rutherford Const. Co.			365,848.01	Concrete
78-B	4	Broward	Dudley-Murphy Const. Co.	162		26,515.99	Concrete
77	1	Jackson-Washington	Van Gordon Const. Co.		9.66	240,915.52	Concrete
80	17	Hillsborough	John J. Quinn, Inc.		2.67	105,658.75	Concrete
81	14	Alachua	L. M. Gray		3.30	108,976.94	R.B.S.T.
83	5	Sarasota	E. F. Powers Const. Co.		9.20	262,421.37	R.B.S.T.
Sub Total				1,133.5	69.59	\$2,311,291.30	

STATE PROJECTS

Proj.	Road	County	Contractor	Length Feet	Length Miles	Contract + 10%	Type
879-B	1	Escambia	Soule Contracting Co.	64		\$ 9,895.62	Concrete
892	30	Indian River	Fred D. Beasley, Inc.		13.0	161,914.84	Rock Base
706-B	28	Putnam	T. B. Gillespie, Inc.		14.91	178,153.44	Rock Base
623	35	Madison	Manly Const. Co.		12.13	134,921.07	Rock Base
727	47	St. Johns	F. K. Webb & Associates		4.59	59,974.84	Rock Base
918	0	Gadsden	John E. Ballenger Const. Co.		1.49	31,474.31	R.B.S.T.
806-D	25	Hendry	Thomas Const. Co.	150		10,486.54	Timber
909-C	4-A	Dade	A. B. Curry Const. Co.		4.38	126,529.55	Concrete
952	3	Putnam	John E. Ballenger Const. Co.		.37	14,550.95	R.B.S.T.
710-D	17	Hillsborough	John J. Quinn Co., Inc.		.92	40,989.65	Concrete
Sub Total				214.0	51.79	\$ 760,890.81	
Grand Total				1,347.5	121.38	\$3,072,182.11	

Status of Bridge Construction

Through April 30th, 1931.

Project No.	Contractor	Road No.	County	Total Length Feet	Type	Percent Complete
60-B	Fred D. Beasley, Inc.	4	Flagler-Volusia	461.54	Concrete	15.00
66	R. C. Huffman Construction Co.	5	Sarasota	458.57	Concrete and Steel Span	65.00
67	Austin Bros. Bridge Co.	50	Hamilton-Suwannee	461.54	Concrete	17.00
70	Raymond Concrete Pile Co.	5	Charlotte	4377.12	Concrete Bascule Span	97.00
71	Okeechobee Construction Co.	4	Brevard	174.00	Concrete	25.00
75	National Surety Co.	27	Collier	561.31	Concrete & I Beam	27.00
715-B	Florida Bridge & Const. Co.	28	Union-Bradford	799.00	Concrete	98.00
801-B	State Forces	102	Union-Bradford	714.50	Concrete	30.00
802-B	J. R. Chambliss	10	Okaloosa	1966.00	Creosoted Timber & I Beams	100.00
806-D	Thomas Construction Co.	25	Hendry	150.00	Creosoted Timber	0.00
879-B	Soule Contracting Co.	1	Escambia	64.00	Concrete	0.00
952	Powell Bros.	3	Putnam	365.00	Concrete & Steel Span	83.00

Status of Road Construction

Through April 30th, 1931.

Proj. No.	Contractor	Road No.	County	Total Length Miles	Clearing Miles	Grading Miles	Base Miles	Surface Miles	Type	Per Cent Complete
53-D	C. C. Moore Const. Co.	2	Lake	4.48	4.48	4.48	.....	.....	Grading	99.00
57	R. C. Huffman Const. Co.	3	Nassau-Duval	3.40	1.40	1.10	.....	.....	Grading	41.00
60-A	Convicts	4	Flagler-Volusia	11.76	2.94	1.00	.....	.....	Grading	10.00
60-C	Rutherford Const. Co.	4	Volusia	8.70	0.00	0.00	0.00	0.00	Concrete	0.00
62-A	L. B. McLeod Const. Co.	24	Osceola	5.87	.....	.....	5.87	5.87	R.B.S.T.	100.00
62-D	L. B. McLeod Const. Co.	24	Osceola	12.66	.....	.....	12.66	12.66	R.B.S.T.	98.00
72-A	Murphy Const. Co.	28	Putnam-Flagler	11.16	4.00	1.40	.....	.....	Grading	24.00
72-C	Murphy Const. Co.	28	Flagler	11.79	3.00	1.20	.....	.....	Grading	9.00
73-C	John J. Quinn Co., Inc.	17	Polk	5.22	.....	.....	.....	.16	Concrete	15.00
73-D	John J. Quinn Co., Inc.	17	Polk	9.92	.....	.....	.....	9.92	Concrete	95.00
74	Manly Const. Co.	2	Orange	14.34	.....	.....	14.34	14.34	Bit. Conc.	100.00
76-A	Johnson, Drake & Piper	5	Hillsborough	10.31	2.00	1.50	.....	0.00	Concrete	4.00
78-A	Morgan-Hill Paving Co.	4	Broward	6.28	0.00	0.00	.....	0.00	Concrete	0.00
500-B	Marianna Lime Products Co.	20	Bay	12.65	.....	.....	12.65	4.00	R.B.S.T.	90.00
500-C	Marianna Lime Products Co.	20	Bay	12.18	.....	.....	12.18	4.00	R.B.S.T.	93.00
515	Marianna Lime Products Co.	20	Jackson	4.59	.....	.....	1.47	0.00	R.B.S.T.	20.00
535	Wm. P. McDonald Const. Co.	5-A	Lafayette	13.20	.....	.....	13.20	0.00	R.B.S.T.	90.00
608-B-2	J. D. F. Boggs	4	Brevard	1.07	1.07	1.07	1.07	1.07	R.B.S.T.	100.00
623	Manley Construction Co.	35	Madison	12.13	.....	.....	2.50	0.00	R.B.S.T.	20.00
677-B	Langston Const. Co.	13	Levy	12.58	.....	.....	12.58	0.00	R.B.S.T.	95.00
706-B	T. B. Gillespie, Inc.	28	Putnam	14.91	.....	.....	3.62	0.00	R.B.S.T.	24.00
720	Duval Engr. & Contr. Co.	11	Jefferson	9.70	.....	.....	9.70	9.70	R.B.S.T.	100.00
727	L. M. Gray	47	St. Johns	6.00	.....	.....	6.00	0.00	R.B.S.T.	85.00
727	F. K. Webb and Associates	47	St. Johns	4.59	1.50	1.00	.75	0.00	R.B.S.T.	15.00
744	Fred D. Beasley, Inc.	19	Madison	1.00	.....	.....	1.00	0.00	R.B.S.T.	90.00
745	Fred D. Beasley, Inc.	19	Taylor	15.95	.....	.....	15.95	5.00	R.B.S.T.	90.00
779	Convicts	19	Liberty	8.00	3.00	2.00	.....	.....	Grading	12.10
787	Convicts	10	Walton	16.27	16.27	16.15	.....	.....	Grading	98.00
793-C	Convicts	15	Citrus	7.04	0.00	0.00	.....	.....	Grading	0.00
797	Convicts	13	Nassau	9.60	2.00	1.00	.....	.....	Grading	8.00
798	Convicts	13	Nassau	15.21	15.21	14.40	.....	.....	Grading	95.00
801	Convicts	48	Bradford-Union	11.78	11.78	11.48	.....	.....	Grading	99.00
805	Convicts	25	Hendry	9.42	9.42	1.20	.....	.....	Grading	18.00
806-A	E. F. Powers Const. Co.	25	Hendry	11.00	.....	.....	11.00	11.00	R.B.S.T.	100.00
806-C	L. B. McLeod Const. Co.	25	Hendry	11.00	.....	.....	7.51	0.00	R.B.S.T.	69.00
806-D	L. B. McLeod Const. Co.	25	Hendry	12.69	.....	.....	11.69	0.00	R.B.S.T.	90.00
820	H. D. Spangler & Co.	96	Jefferson	9.45	9.45	9.45	.....	.....	Grading	95.00
825	Convicts	88	Holmes	10.37	10.37	9.40	.....	.....	Grading	85.00
857	Convicts	53	Santa Rosa	19.00	16.00	10.00	.....	.....	Grading	70.00
868-A	Convicts	5	Levy	7.05	7.00	1.69	.....	.....	Grading	25.00
868-C	Convicts	5	Levy	12.34	12.34	11.23	.....	.....	Grading	90.00
869	Reid W. Bryan	29	Glades	9.04	9.04	8.52	.....	.....	Grading	83.00
875	Convicts	23	Hernando	10.14	6.49	2.64	.....	.....	Grading	20.00
876-C	Robert G. Lassiter & Co.	78	Duval-St. Johns	19.20	.....	.....	18.96	0.00	R.B.S.T.	85.00
883	John E. Ballenger Const. Co.	4	Duval	4.72	.....	.....	4.72	4.00	Macasph.	80.00
885	Robert G. Lassiter & Co.	3	Duval	4.86	.....	.....	3.00	2.00	Macasph.	66.00
892	Fred D. Beasley, Inc.	30	Indian River	13.00	.....	.....	2.00	0.00	R.B.S.T.	15.00
909-C	A. B. Curry Const. Co.	4-A	Dade	4.38	0.00	0.00	0.00	0.00	Concrete	0.00
915	E. F. Powers Const. Co.	140	Palm Beach	2.00	.....	.....	2.00	2.00	R.B.S.T.	100.00
918	John E. Ballenger Const. Co.		Gadsden	1.49	0.00	0.00	0.00	0.00	R.B.S.T.	0.00
927	Convicts		Jackson	2.00	2.00	2.00	.....	2.00	S.C.	100.00
Total complete March 31, 1931					3194.34	3155.34	1851.85	2643.34		
Complete month of April					12.55	17.70	22.09	21.28		
Total complete April 30, 1931					3206.89	3173.04	1873.94	2664.62		
TOTAL MILEAGE COMPLETE										
		Concrete	Brick	B.C.	S.A.	B.M.	Asp.B.	S.T.R.B.	S.T.S.C.	Macasph.
Complete to March 31, 1931		385.32	21.63	54.11	114.61	109.57	23.70	1531.13	336.19	10.31
Complete month of April		4.36		.15				16.22		2.60
Complete to April 30, 1931		389.68	21.63	54.26	114.61	109.57	23.70	1547.35	336.19	12.91
Sand Asp. Sand Clay Marl Total										
Complete to March 31, 1931		9.50	136.67	27.58	2760.32					
Complete month of April .....			.02		23.35					
Complete to April 30, 1931		9.50	136.69	27.58	2783.67					